DATASHEET

TN80 / TN80W

720P/HD, H.264, 10x Digital Zoom Cloud Network Camera

- Small and functional design
- 720P HD resolution
- H.264 and MJPEG compression
- Dual video streaming
- 10x digital zoom
- Built -in microphone
- Exclusive C4Home cloud app
- Push Notification
- Air Firmware Update
- Share video and private mode
- Dropbox cloud storage support
- Smart Motion Detection
- Upgradable 802.11 b/g/n wireless connectivity

Compro TN80 / TN80W is a sleek and compact network camera with the latest cloud technology, plug-n-play design and super easy QR code cloud installation, let you install camera and start monitoring from your smartphone or tablet just in seconds. It's the best cloud solution to protect your home and valuable possessions from anywhere in the world.

Easy Installation and Setup

The camera is so easy to set up that even novice users can complete the setup in seconds. Unlike other network cameras, installing this camera does not require any networking expertise. Nor is any sort of router setup required - simply plug in the cable, scan QR code for mobile app and camera install, and then your TN80 / TN80W camera is ready to be viewed and shared on the Internet.

Exclusive C4Home Mobile App

You can download the exclusive and feature-rich C4Home camera viewer app to view and manage your Compro cameras on the iPhone or Android devices. Also, the free C4Home mobile app enables you to securely share camera video with your friends and families on your friends list.

Push Notification

The push event notification feature enables the camera to send an alert message to user's smartphone or tablet when it detects motion events. User can choose to watch the snapshots from push message on smartphone/tablet or watch the live situation from camera.

High Quality 720P HD Image

With HD technology, TN80 / TN80W lets you view details and identify people and objects better than the on a conventional CCTV camera. The 1280x720 resolution allows TN80 / TN80W to capture video from a wide area, effectively reducing the number of cameras required in building a reliable video surveillance network.

Easy Wireless Network Installation

TN80 / TN80W offers a fast and easy wireless upgrade solution. Simply plug the optional wireless adapter into the camera's USB socket, and you will instantly get 802.11 b/g/n wireless LAN support on the TN80. (The TN80W package includes wireless adaptor)

Intelligent Home Surveillance Solution

Not just cloud monitoring, TN80 / TN80W offers a wealth of applications to provide an intelligent surveillance solution, such as iWizard and WebVUer. iWizard is a smart installer to turn the complicated network camera installation into a simple and fast process. WebVUer is an intuitive IE-based video management software loaded with all the key features for trouble-free remote monitoring.

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TECHNICAL SPECIFICATION

CAMERA

Image Sensor	1/3" progressive scan CMOS sensor
Lens	• Focal length: 3.75 mm • Max aperture ratio: F3.0 • Fixed iris, adjustable focus
Zoom	10x digital zoom
Angle of View	60° horizontal
Focusing Range	1 m ~ INF
Minimum Illumination	1.0 lux
Shutter Time	1/5 ~ 1/16000 sec.

VIDEO

Video Compression	M-JPEG, H.264 (MPEG-4 Part 10)
Resolution	160x120, 320x240, 640x480, 1280x720
Frame Rate	Up to 30 FPS at 1280x720
Video Streaming	Dual streaming supported
Image Settings	• Adjustable image size and quality • AGC, AES • Configurable brightness, contrast, saturation and sharpness

AUDIO

Audio Communication	Built-in microphone
Audio Compression	G.711 PCM 64Kbit/sec

NETWORK

Wireless LAN	Optional 802.11n USB wireless adapter (TN80W bundles wireless adapter)
Security	• User name / password protection • WEP/WPA/WPA2 encryption (wireless network)
Protocols	TCP/IP, HTTP, UDP, FTP, ICMP, ARP, DHCP, NTP, DDNS, UPnP, RTP, RTSP, RTCP, SMTP, IGMP, 3GPP, IPv4
Ethernet	10/100 Base-T, autosensing, RJ-45

FIRMWARE

Firmware	• Support UPnP • Support online firmware update

WEB BROWSER

Internet Explorer (ActiveX)	• Remotely view and configure camera on IE • Record video and capture snapshots on PC • Alarm and event management: FTP and SMS/ Email alert messaging
Supported Viewing Devices	• PC, laptop, tablet, nettop with IE8 • iPhone/iPad, BlackBerry, Android, WM, PDA, or cell phones with web browser (MJPEG mode) • Mac OS 10.6 (Live view in M-JPEG mode only)

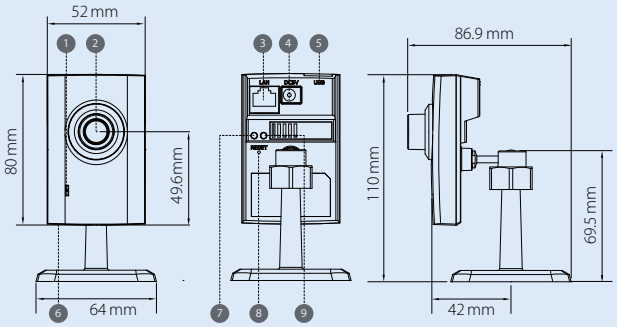
MOBILE MONITOR

Smartphone App	Free mobile applications for iPhone and Android • Motion detection and push notification • Private mode • Smartphone digital zoom control • Air firmware update • Dropbox cloud storage for event snapshot • Share video to others • Watch 4 channels at the same screen (Android/ PC only, not support iOS)
MJPEG Mode	View live image on mobile web browser
3GPP Mode	View live video on 3G cell phone (3GPP Streaming)

GENERAL

Video Surveillance	Professional ComproView 32-channels video management software
Operating Conditions	0 °C ~ 40 °C (32 °F ~ 104 °F)
Power Supply	DC 5V/2A
Viewing System Requirements	• Computer with 2.8GHz dual-core processor and 2GB memory or above • Operating system: Windows XP SP3, Vista SP1, Windows 7, Mac OS 10.6 (Live view in MJPEG mode) • Internet browser: Internet Explorer 8.0 or later; non-IE browsers require 3rd-party VLC plug-in
Package Contents	• Network camera • Software CD (contains user's manual) • Quick installation guide • Ethernet cable • Screws for ceiling mounting • Screw anchor • Power adapter • Wireless Adaptor (Only in TN80W)
Dimensions	64 x 86.9 x 110 mm (including bracket)

Camera Dimensions and Layout



1. LED status indicator
2. Lens
3. Ethernet port
4. Power connector
5. USB wireless adaptor port
6. Microphone pinhole (on the bottom)
7. Connection status indicator
8. Reset button
9. Network speed indicator

Optional Accessory

WL160
802.11 b/g/n USB Wireless Adapter

- Complies with IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n standard
- High data transfer rate – up to 300Mbps
- Supports 64/128-bit WEP, WPA, WPA2

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